

WHAT IS CLAIMED IS:

1. A fan rack, comprising:

a base board, having a hollow installing section for installing a plurality of fans, said installing section having a plurality of fixtures disposed respectively on two
5 corresponding sides, and the distance between any two adjacent fixtures substantially equal to the length of the installing fan, such that a fan being mounted onto said base board by any two adjacent fixtures;

a ventilation board, disposed on the surface of one end of said base board, and having a plurality of openings such that air being ventilated through said openings;

10 two side boards, respectively disposed on both end of said ventilation adjacent to said base board and on the side away from said base board, thereby the same fan being coupled by any two adjacent fixtures and another fixture being disposed adjacent to said fixture for mounting a fan adjacent to said side boards.

2. The fan rack of claim 1, wherein said base board further comprises:

15 a circuit board, disposed between one end of said base board and one end of said installing section away from the end of said ventilation board, wherein a plurality of another fixtures for electrically coupling with said fixture of said fans, and an electronic component for processing the received power supply and signal;

a connecting section, disposed on the end of said base board protruded from said
20 circuit board, for coupling with another connecting section of an electronic device for receiving the signal and power supply come from said electronic device.

3. The fan rack of claim 1, wherein said ventilation board at its surface has a panel, comprising a plurality of light emitting components, and another circuit board in said fan rack proximate said light emitting components, and said circuit board coupling
25 to another circuit board through a signal connecting component such that the power supply and signal transmitted from said another circuit board being used to control the light emitting condition of said light emitting components.

4. The fan rack of claim 3, wherein said panel at its surface comprises a plurality

of hollow sections such that the interior of said fan rack being connected to the outside through said ventilation holes and hollow sections.

5 5. The fan rack of claim 1, wherein any one of said two adjacent fixtures corresponding to the installing positions of said installing section proximate two adjacent fans, and the other fixture corresponding to the installation positions of said installing section away from said two adjacent fans.

6. The fan rack of claim 1, wherein said base board has a fixing element at one end of said base board away from said ventilation board.

10 7. The fan rack of claim 3, wherein light emitting component is a light emitting diode (LED).

8. The fan rack of claim 2, wherein said connecting section is a gold finger.

9. The fan rack of claim 2, wherein said electronic device is a server of IU specification.